SONY

FWD-77XR80

BRAVIA 8 Series OLED 77" 4K Display with Google TV & 3 years PrimeSupport



Specifications

Common Item	
Marketing Name	BRAVIA 8
8 digit code	12648611
Model Year	2024

TV System	
TV System (Analog)	B/G,D/K
Tuner Channel Coverage (Analog)	45.25MHz-863.25MHz (Depend on country selection)
TV System (Digital Terrestrial)	DVB-T / T2
Tuner Channel Coverage (Digital Terrestrial)	VHF / UHF (Depend on country selection)
TV System (Digital Cable)	DVB-C
Tuner Channel Coverage (Digital Cable)	VHF / UHF / cable (Depend on country selection)
TV System (Digital Sat)	DVB-S / S2
Tuner Channel Coverage (Digital Sat)	Intermediate Frequency 950-2150MHz
Number of Tuners (Terrestrial/Cable)	2 (Digital) / 1 (Analog)
Number of Tuners (Sat)	2
Color System	PAL/SECAM
CI+	Yes
Color Space	sRGB / BT709, BT2020, AdobeRGB, DCI
Operating System	Android 12
On-board Storage (GB)	32GB

Display Features	
Display type	OLED

Display Specs	
Screen Size (inch, measured diagonally)	77" (76.7")
Screen Size for WEB(diagonal, cm, integer or 1st decimal)	195 cm
Display resolution (H x V, pixels)	3840 x 2160
Viewing Angle (Right / Left)	178 (89 / 89) degree
Viewing Angle (Up/Down)	178 (89 / 89) degree
Display Resolution	QFHD
Aspect Ratio	16:9

Video Features	
Peak Luminance	XR Contrast Booster 15
TRILUMINOS	XR Triluminos Pro

Video Features

Features for PlayStation®5 Auto HDR Tone Mapping	Yes
Features for PlayStation®5 Auto Genre Picture Mode	Yes
XR Clear Image	Yes
Picture modes	Vivid, Standard, Cinema, Professional, Calm, Photo, IMAX Enhanced, Dolby Vision (Vivid / Bright / Dark / Game), FPS game, RTS game
Auto Wide	Yes
Wide Mode	Full / Vertical Fit / Horizontal Fit / Original, Full / Vertical Fit / Horizontal Fit / Original
Motion enhancer	XR Motion Clarity, Auto mode
Blinking Type	Frame Blinking
24p True Cinema	Yes
Live Colour™ Technology	Yes
CineMotion / Film Mode / Cinema Drive	Yes
4K Processor	XR Processor
HDR (High Dynamic Range) compatibility	Yes (HDR10,HLG,Dolby Vision)
Panel Refresh Rate (Native Hertz)	120Hz
Dynamic Contrast Enhancer	Yes

Audio Specs

Channel	2.1ch
Audio Power Output	13W + 13W + 10W + 10W + 10W *1
Speaker Position	Front + Side
Bass / Treble / Balance	Balance
Speaker Type	Acoustic Surface Audio+
Speaker Configuration	Actuator x 2, Tweeter x 2, Subwoofer x 1
Digital audio out (Optical) format	Two channel linear PCM: 48kHz 16bits, Dolby Audio, DTS

Audio Features

Acoustic Center Sync	Yes (S-CENTER SPEAKER IN)
Ready for 360 Spatial Sound Personalizer	Yes (via Bluetooth)
Simultaneous Sound Output with TV Speaker	Bluetooth A2DP Device
Vertical Surround Engine	Vertical Surround Engine
Acoustic Auto Calibration	Room & User Position Compensation
Speaker Type-2	Sound Positioning Tweeter
Clear Phase	Yes
S-Master	S-Master Digital Amplifier
Auto Surround	Yes
DTS audio format support	DTS Digital Surround, DTS Express, DTS-HD Master Audio, DTS-HD High Resolution Audio, DTS:X
Simulated surround sound	S-Force Front Surround
Dolby audio format support	Dolby Audio, Dolby Atmos
Voice Zoom	Voice Zoom 3 (Also available with compatible Sony Soundbar)
HDMI Audio Return Channel(ARC)	Yes (eARC / ARC)
Advanced Auto Volume	Yes
Auto Mute (on no signal)	Yes
HDMI input Audio format	7.1 channel linear PCM: 32 / 44.1 / 48 / 88.2 / 96 / 176.4 / 192kHz 16 / 20 / 24bits, Dolby Audio, Dolby Atmos, DTS, DTS Express, DTS-HD Master Audio, DTS-HD High Resolution Audio, DTS:X

Audio Features

ARC output format	Two channel linear PCM: 48kHz 16bits, Dolby Audio, Dolby Atmos, DTS

Network Features

Control Menu	Yes
ECO Dashboard	Yes
Apple AirPlay	Yes
Apple HomeKit	Yes
Home Network Feature	Home Network Client, Home Network Renderer
Wi-Fi Certified	Yes
Wi-Fi Standard	a / b / g / n / ac / ax
Wi-Fi Frequency	2.4GHz / 5GHz / 6GHz (Depend on country)
Internet Browser	Yes
Codec for Home Network	MPEG1:MPEG1 / MPEG2PS:MPEG2 / MPEG2TS (HDV,AVCHD): MPEG2,AVC / MP4 (XAVC S): AVC,MPEG4,HEVC / AVI:Xvid,MotionJpeg / ASF (WMV): VC1 / MOV:AVC,MPEG4,MotionJpeg / MKV:Xvid,AVC,MPEG4,VP8.HEVC / WEBM:VP8 / 3GPP:MPEG4,AVC / MP3 / ASF (WMA) / LPCM / WAV / MP4AAC / FLAC / JPEG,WEBM: VP9 / AC4 / ogg / AAC / ARW (Screen nail only)
Wireless LAN	Integrated

Convenience Features

Optimization of HDMI input	Prioritize HDMI content type information
Source-Based Tone Mapping(SBTM)	Yes (for HDMI3 / 4)
UVC / UAC support	Yes
Variable Refresh Rate (VRR)	Yes (for HDMI3 / 4)
Auto Low Latency Mode (ALLM)	Yes (for HDMI1 / 2 / 3 / 4)
Features specified in HDMI2.1	4K120 / eARC / VRR / ALLM / SBTM (Source-Based Tone Mapping)
Built-in Mic switch	Yes (Center)
X-Protection PRO	Y (with Lightning, Surge, Humidity Protection)
Electronic Program Guide (EPG)	Yes
USB HDD Recording	Yes (1Rec) (Except Italy)
USB playback codecs	MPEG1:MPEG1 / MPEG2PS:MPEG2 / MPEG2TS (HDV,AVCHD): MPEG2,AVC / MP4 (XAVC S): AVC,MPEG4,HEVC / AVI:Xvi / ARW (Screen nail only)
Built-in Mic	Yes
Text Input Language	ARA / BUL / CAT / HRV / CES / DAN / DUT / ENG / EST / FIN / FRA / GER / GRK / HEB / IND / ITA / JPN / NOR / FAS / POL
Chromecast built-in	Yes
Application Store	Yes (Google Play Store)
BRAVIA Sync (including HDMI-CEC)	Yes
i-Manual	Yes
Parental Control	Yes

Convenience Features

Channel Block (with password)	Digital
On Screen Clock	Yes
Sleep Timer	Yes
On/Off Timer	Yes
USB drive format support	Yes (Supported File System: FAT16 / FAT32 / exFAT / NTFS)
Display Language	AFR,AMH,ARA,ASM,AZE,BEL,BUL,BEN,BOS,CAT,CZE,DAN,DEU,GRE,ENG,SPA,EST,BAQ,PER,FIN,FRA,GLG,GUJ,HIN,HRV,H

Sensing Features

Sensor	Light

Energy Saving & Efficiency

SORPLAS	Yes
EEA SDR RANK	E
On mode power 1000h SDR(New lot5)	107 kWh / 1000h
Mercury content(mg)	0.0
Lead Content	Yes
Power Saving Mode / Back Light Off Mode	Yes

General Features

Smart TV	Google TV
SONY PICTURES CORE Calibrated mode	Yes
Prime Video Calibrated mode	Yes *2
Auto Calibration with CalMAN	Yes
Netflix Calibrated mode	Yes (Adaptive Calibrated Mode)
IMAX Certified Model	Yes
SONY PICTURES CORE	10 credits / 24 months

Accessibility Features

Color Inversion	Yes
Screen Reader	Yes
Audio Description	Yes
Closed Captions (Digital)	Subtitle
Text Magnification	Yes
Accessibility Shortcut	Yes
Voice Search	Yes
Menu timeout settings	Yes
Power-on Volume settings	Yes
TalkBack	Yes
Switch Access	Yes

Broadcast Features

Teletext	Yes
Teletext number of pages	1000 pages

Design Features

Stand Position	4way position (Outside / Inside / Outside for Soundbar / Inside for Soundbar)
Stand Color	Dark silver
Bezel Design	Seamless Edge

Design Features

Cable Management	Yes
Frame color	Dark Silver / Vibration finish
Stand Design	Underlay stand

Inputs and Outputs

HDMI Signal	4096x2160p (24,50,60Hz), 3840x2160p (24,25,30,50,60,100,120Hz) *3, 1080p (24,30,50,60,100,120Hz), 1080i (50,60Hz), 720p (24,30,50,60Hz), 576p, 480p
HDCP	HDCP2.3 (for HDMI1 / 2 / 3 / 4)
Bluetooth profile support	Version 5.3, HID / HOGP / SPP / A2DP / AVRCP
4K 60P High-Quality formats	HDMI IN1, IN2 ports for 4K (up to 18Gbps) signal, HDMI IN3, IN4 port for 4K (up to 48Gbps) signal
AC Power Input	Pigtail (REAR)
RF (Terrestrial/Cable) Connection Input(s)	1 (Side)
IF (Satellite) Input(s)	2 (Side)
HDMI inputs total	4 (4Side)
Digital Audio Output(s)	1 (Side)
USB ports	2 (Side)
Ethernet inputs	1 (Side)
PCMCIA Slot(s)	1 (Top)
HDMI PC Input Format	640x480 (31.5kHz,60Hz), 800x600 (37.9kHz,60Hz), 1024x768 (48.4kHz,60Hz), 1280x1024 (64.0kHz,60Hz), 1152x864 (67.5kHz,75Hz), 1600x900 (55.9kHz,60Hz), 1680x1050 (65.3kHz,60Hz), 1920x1080 (67.5kHz,60Hz)

Power

Power consumption (Networked Standby Mode)	2.00W (Wi-Fi) / 2.00W (LAN) / 0.50W (CEC)
Power Requirements (voltage)	220 V - 240 V AC
Power Requirements (frequency)	50 Hz
Rated Power Consumption	619 W
Power Consumption (Standby Mode)	0.50 W

Regulation and Standard Compliance

VESA® Hole Spacing Compatible	Yes
VESA® Hole Pitch (W x H)	30.0 x 30.0 cm

Measurements (Approx.)

TV with Stand (Inside for Soundbar) (W x H x D)	Approx. 171.3 x 106.6 x 40.5 cm
Dimension of TV without Stand (W x H x D)	Approx. 171.3 x 98.4 x 3.8 cm
TV with Stand (Standard position) (W x H x D)	Approx. 171.3 x 101.2 x 40.5 cm
TV with Stand (Narrow position) (W x H x D)	Approx. 171.3 x 101.2 x 40.5 cm
TV with Stand (Soundbar position) (W x H x D)	Approx. 171.3 x 106.6 x 40.5 cm
Dimension of Package Carton (W x H x D)	Approx. 191.2 x 111.5 x 19.1 cm
Stand width (Standard position)	Approx. 125.8 cm
Stand width (Narrow position)	Approx. 59.6 cm
Stand width (Soundbar position)	Approx. 125.8 cm
AC Cable Length	3500 mm

Weights (Approx.)	
Stand Width (Inside for Soundbar)	Approx. 59.6 cm
TV with Stand (Inside for Soundbar)	Approx. 34 kg
Weight of TV without Stand	Approx. 32.3 kg
TV with Stand (Standard position)	Approx. 34 kg
TV with Stand (Narrow position)	Approx. 34 kg
TV with Stand (Soundbar position)	Approx. 34 kg
Weight of Package Carton(Gross)	Approx. 44 kg

Carton Spec	
Max Qty of carton stacking (vertical)	4
Max Qty of carton stacking (horizontal) *only for Shop Front	N/A

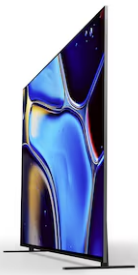
Supplied Accessories	
Voice Remote Control (supply) included Rechargeable Battery	Yes
USB Type-C Cable	Yes
Voice Remote Control (Supply)	RMF-TX920U
Remote Control	RMT-TX450E
Batteries	R03
AC Power Cord Spec	Joint Type (Pig-tail43mm) (ASIA) (2pin) (C18) + Bundle (C17) (EUROPE) (2pin) (round pins Type F) + Bundle (C17) (SWISS) (2pin) (round pins Type C)
Operating Instructions	EN,FR,ES,NL,DE,PT,IT,SE,DK,FI,NO,PL,CZ,SK,HU,RO,BG,GR,TR
Quick Setup Guide / Supplement CUE (GA)	EN,FR,ES,NL,DE,PT,IT,DK,NO,SE,FI,PL,CZ,SK,HU,RO,BG,GR,TR,RU,UA,AR
Table Top Stand	Separate (Assembly required)

Optional Accessories	
Camera Unit (option)	CMU-BC1
Wallmount Bracket	Sony original Wall-Mount Bracket *4

Notes	
*1	Except in Power Saving Mode.
*2	Firmware update may be required.
*3	100Hz and 120Hz is supported by HDMI IN 3 and IN 4
*4	Please refer this compatibility list : https://www.sony.net/wall-mount-bracket

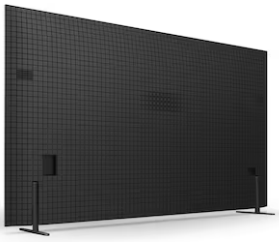
Gallery

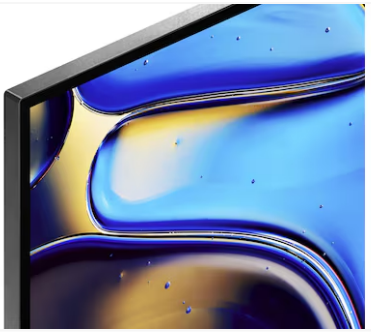




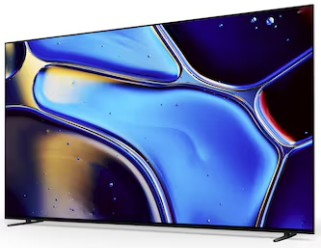




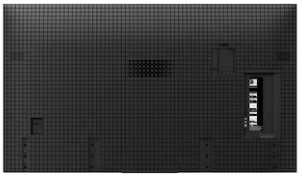




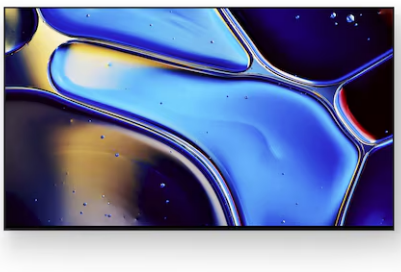




















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Export PDF : October 7 2026